

## **COOPERATIVE MEMORY MANAGEMENT**

### **ABSTRACT OF THE DISCLOSURE**

A method for managing memory in some embodiments comprises maintaining a memory pool, and specifying an amount of memory required for allocation. In some 5 embodiments, the method also comprises requesting a process to release memory into the memory pool. In some embodiments, the method also comprises allocating an amount of the memory pool to a process. In some embodiments, the method comprises maintaining a memory pool, receiving status information from a plurality of processes, and managing memory among the plurality of processes using the status information.